KIST + ESCHERICH

POWER BAR 55

The classic all-round ioniser

Key Facts

- **Effective electrostatic discharge for working distances up to 150 mm**
- **Robust design for a long service life**
- **“Stay-Sharp” etched emitter tips with a long service life for maximum performance**
- **Consistent process stability**

Product Description

POWER BAR 55 is the preferred ionisation system for a wide range of applications. Its reliability makes it a proven performer in the field of electrostatic discharge.

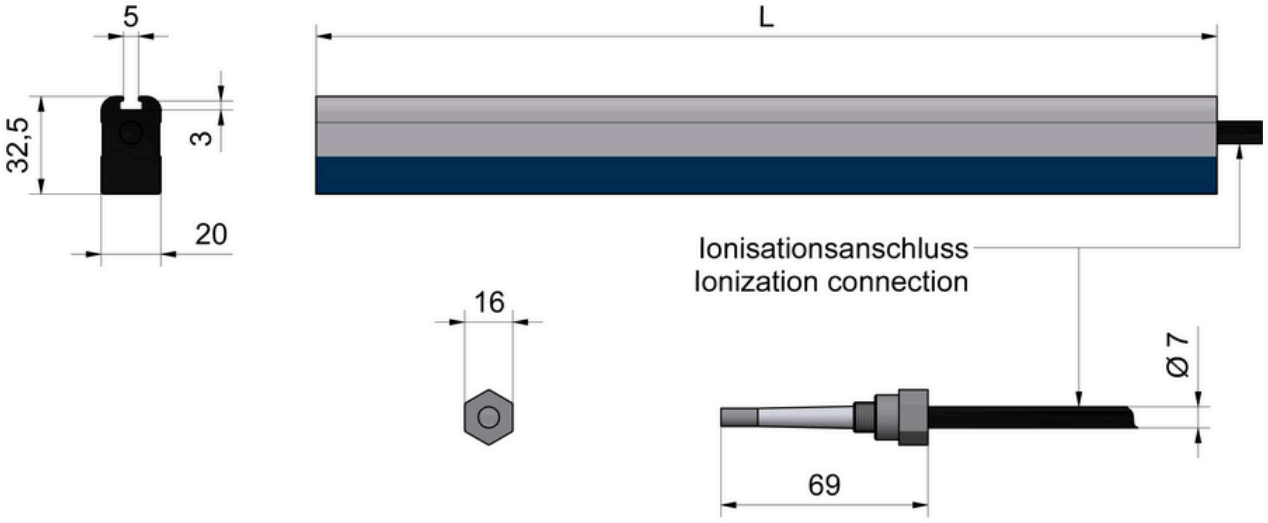
- Safe to the touch for users
- Mounting connectors without tools
- Special Hi-Flex cable, suitable for drag chains
- Cable outlets are available in various versions (radial, axial 90°)
- Ionisation bars that is coupled with a resistor and have an intensive neutralising field
- Plug & Play: Simple set-up in combination with KIST + ESCHERICH high-voltage POWER UNIT 55/60 power supply
- Additional variants available: CR, EX, UL

Technical Data

	PB55	PB55CR	PB55EX	PB55UL
Version	Standard	Cleanroom optimised	EX applications	UL version
Cleanroom class	-	ISO 4	-	-
Working width	60 - 6000 mm	60 - 6000 mm	120 – 4000 mm	60 – 6000 mm
Working width increment	10 mm	10 mm	10 mm	10 mm
Working distance (min. – max.)	20 - 150 mm	20 - 150 mm	20 – 150 mm	20 – 150 mm
Emitter clearance	10 mm	10 mm	15 mm	15 mm
Ambient temperature (min. – max.)	5 - 60 °C	5 - 60 °C	5 – 40 °C	5 – 60 °C
Weight per meter	0.93 kg +0.14 kg cable (2 m)	0.93 kg +0.14 kg cable (2 m)	0.9 kg	0.93 kg +0.14 kg cable (2 m)
Cable length (standard)	2 m	2 m	2 m	2 m
Conveying direction (uni-/bi-/multidirectional)	bi-directional	bi-directional	bi-directional	bi-directional

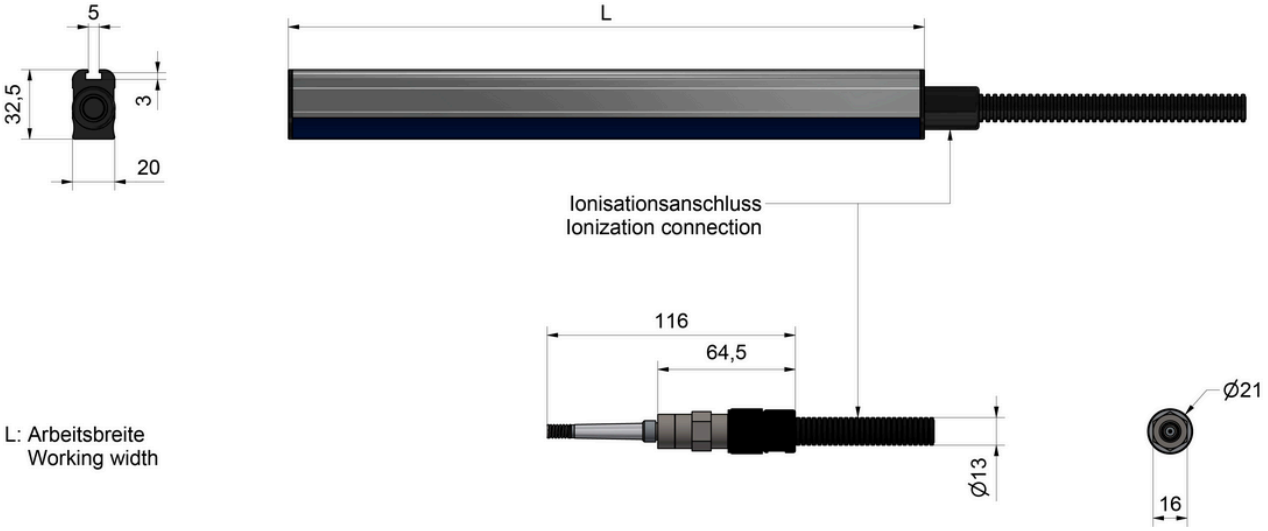
Technical Drawings

PB 55



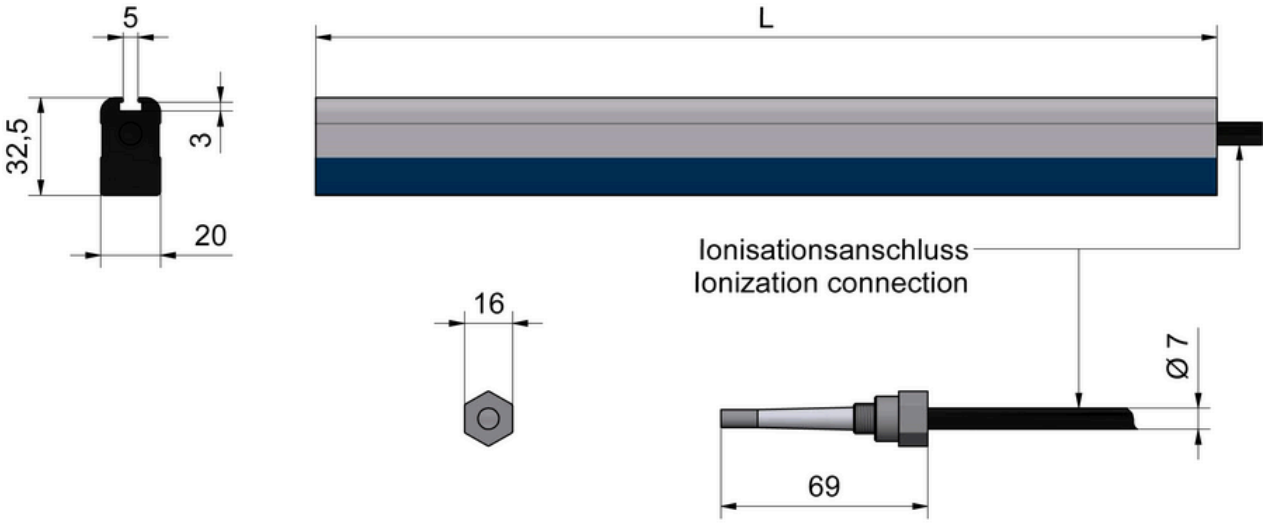
L: Arbeitsbreite
Working width

PB 55 EX



L: Arbeitsbreite
Working width

PB 55 UL

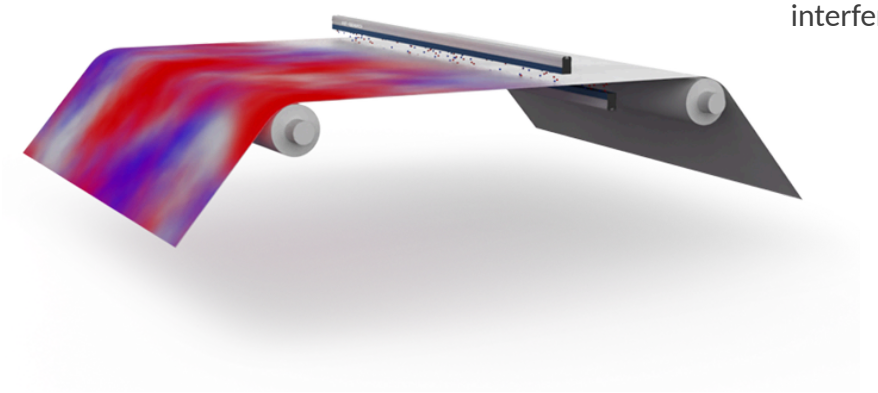


L: Arbeitsbreite
Working width

TECHNOLOGY

TRUE ION

Full control over electrostatic discharges – it is possible with TRUE ION. Learn how our technology neutralises interfering charges with precision.



Related Products

POWER UNIT 60

Powerful HV power supply for KIST + ESCHERICH ionisation systems

POWER UNIT 55 EX

HV power supply for KIST + ESCHERICH EX ionisation systems

POWER UNIT 55 UL

UL-certified HV power supply for KIST + ESCHERICH ionisation systems

HV-DISTRIBUTOR

Distributors for TRUE ION ionisation systems

ION CHECK

Function tester for testing ionisation systems